

IONIC MEMBRANES FOR ORGANIC SULFUR SEPARATION FROM
LIQUID HYDROCARBON SOLUTIONS

ABSTRACT

Methods for the separation of sulfur compounds from a hydrocarbon mixture using an ionic membrane are provided. Preferred ionic membranes are Nafion®-type (polymers of perfluorosulfonic acid) membranes and derivatives thereof. Preferred applications include the removal of sulfur contaminants from light cracked naphthas.

10021301 10021301